

AMENDMENTS TO THE SPECIFICATION

Replace the paragraph beginning at page 2, line 14, with:

FIG. 2 demonstrates measurement of depth dermal microvascular destruction 24 hours after burn infliction: Animals have been treated immediately after infliction with ~~carbopol~~ CARBOPOL[®] gels containing 4% ammonium hydroxide 10% aqueous solution and 20, 30, 50 and 63% w/w ethanol and 1 hour after infliction with a gel containing 30% ethanol. The results were compared with untreated inflicted rats. The depth parameter was measured in rats sacrificed 3, 6, and 24 hours after burn infliction.

Replace the fourth paragraph on page 3, with:

A particularly suitable topically acceptable carrier which may be used in the preparation of the composition according to the invention comprises a polymer which forms a gel like matrix with the alcohol(s). One or more acidic polymers, and more preferably, polymers containing acrylic groups may be suitably applied to this end, wherein said acrylic polymers (for example, ~~carbopol~~[®] CARBOPOL[®]) are most preferably present in the composition of the invention in a neutralized form, in order to render the composition sufficiently viscous.

Replace the second paragraph on page 6, with:

In general, the polymer, which is preferably an acidic polymer provided in a powdery form, and more preferably, an acrylic polymer (~~carbopol~~[®] CARBOPOL[®]), is dispersed under stirring in the alcoholic (most preferably ethanol) solution. Preferably, a suitable quantity of a neutralizing agent, which is either an inorganic or organic base (sodium hydroxide, potassium hydroxide, a nitrogen containing base selected from the group of ammonium hydroxide and di- or tri alkanolamines, such as triethanolamine) is added under continuous stirring into the mixture, whereupon the polymer is transformed into the corresponding salt and the viscosity of the mixture is increased, and gel is formed. Additional ingredients that may be suitably included in the composition may be mixed with the polymer powder before adding the same into the alcoholic solution, or may be introduced into the mixture after gel formation.

Replace the paragraph on page 17, immediately below the title for Example 1, with:

	% w/w
Ethanol	35
Ammonium hydroxide sol (10%)	4
Carbopol <u>CARBOPOL</u> [®] 940	2.2
Water for injection	to 100

Replace the paragraph on page 18, immediately below the title for Example 3, with:

	% w/w
Ammonium hydroxide 10% solution	3
Alcoholic Aloe Vera Gel	57
Carbopol <u>CARBOPOL</u> [®] 934	1
Purified water to	100%
Total ethanol	20%

Replace the paragraph on page 19, immediately below the title for Example 7, with:

	% w/w
Ethanol	22%
Carbopol <u>CARBOPOL</u> [®] 934	2.2%
Ammonium hydroxide 10% solution	4%
DDW	71.8%

Replace the paragraph on page 19, immediately below the title for Example 8, with:

	% w/w
Ethanol	30%
Carbopol <u>CARBOPOL</u> [®]	2%
Ammonium hydroxide 10% solution	4%
Plant extracts	7%
Plant tinctures	1%
Purified water	68%

Replace the paragraph on page 20, immediately below the title for Example 9, with:

	% w/w
Ethanol	20%
Carbopol <u>CARBOPOL</u> [®]	2.5%
Ammonium hydroxide 10% solution	4%
Plant tinctures	5%
Purified water	68.5%

Replace the paragraph on page 20, immediately below the title for Example 10, with:

	% w/w
Ethanol	45%
Carbopol <u>CARBOPOL</u> [®]	2%
Ammonium hydroxide 10% solution	4%
Triethanolamine	1%
Plant tinctures	5%
Purified water	43%

Replace the paragraph on page 20, immediately below the title for Example 11, with:

	% w/w
Ethanol	20
Carbopol <u>CARBOPOL</u> [®]	1.5
Ammonium hydroxide 10% solution	3
DDW	68.5

Replace the paragraph beginning at page 22, line 9, with:

- ~~Carbopol~~ CARBOPOL[®] delivery systems in a gel form containing ethanol in concentrations from 20 to 63% w/w.

Replace the last paragraph on page 22, which bridges pages 22-23, and ends on page 23, line 6, with:

FIG. 2 demonstrates measurement of depth dermal microvascular destruction in the first 24 hours (at 3, 6 and 24 hours) after burn infliction: Animals have been treated immediately after infliction with ~~Carbopol~~ CARBOPOL[®] gels containing 20, 30, 50 and 63% w/w ethanol and 1 hour after infliction with the gel containing 30% ethanol. The results are compared with untreated inflicted rats. The depth parameter was measured in rats sacrificed 3, 6, and 24 hours after burn infliction.

Replace the paragraph beginning at page 23, line 8, with:

Results in FIG. 2 show parameters measured at 3, 6 and 24 hours after skin burn: treatment with ~~Carbopol~~ CARBOPOL[®] gels containing 20-63% w/w ethanol drastically impeded the micro-vascular destruction and progress of burn as compared to untreated rats inflicted animals immediately. Treatment one hour after infliction with 30% w/w ethanolic gel was also very efficient.

Replace the paragraph beginning on page 24, immediately below the title for Example 14, and ending on page 25, line 3, with:

In this experiment heat burns were inflicted as previously described in 14 rats. Two rats served as control and the other animals (4 groups of 3 rats each.) were immediately treated as follows:

Control--untreated

Group 1--"Cool gel" composed of polymeric gel in water

Group 2--15% w/w ethanol in 2.2% ~~Carbopol~~ CARBOPOL[®] gel comprising 2.2% ~~Carbopol~~ CARBOPOL[®] 934P, 4% ammonium hydroxide 10% solution and water.

Group 3--30% w/w ethanol in a carbopolic gel composing 2.2% ~~Carbopol~~ CARBOPOL[®] 934P, 4% ammonium hydroxide 10% solution and water.

Group 4--60% w/w ethanol in a carbopolic gel composing 2.2% ~~Carbopol~~ CARBOPOL[®] 934P, 4% ammonium hydroxide 10% solution and water.

Replace the paragraph on page 25, immediately below the title for Example 15, with:

Vegetable oil	8%
Lecithin	0.4%
Tween 20	2.2%
Span 20	1%
Carbopol <u>CARBOPOL</u> [®] 980	2%
Ethanol 96	35%
Ammonium hydroxide 10%	2%
Water to	100% w/w

Replace the paragraph on page 25, immediately below the title for Example 16, with:

Aromatic oil	5%
Tween 20	4%
Span 20	7%
Carbopol <u>CARBOPOL</u> [®] 980	2%
Ethanol 96	35%
Ammonium hydroxide 10%	2%
Water to	100%

Replace the paragraph on page 26, immediately below the title for Example 17, with:

	%, w/w	
Ethanol 96	20	
Carbopol <u>CARBOPOL</u> [®] 934		2.2
Ammonium hydroxide 10% solution	4	
DDW	71.8%	

Replace the paragraph on page 26, immediately below the term "Compositions:" in Example 18, with:

Gel: Ethanol 95 30%, ~~Carbopol~~ CARBOPOL[®] 934 2.2%, Sol Ammonium hydroxide (10%) 4.4, Distilled water to 100% w/w.